

**Abstract**

5 The gas sensor module of the invention includes: A primary sensor  
for the registering of a gas concentration; a digital data memory for  
storing sensor data or process data; and an interface for connecting  
to a superordinated unit for energy supply of the gas sensor module  
and for data exchange between the gas sensor module and the  
superordinated unit, with the interface being a contactless interface.

10 The transmitter module of the invention for operating at least one  
such gas sensor module includes: A contactless interface for data  
exchange with the gas sensor module and for energy supply to the  
gas sensor module; and a communications circuit for output of at  
least one signal dependent on the measured data.

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(Fig. 1)